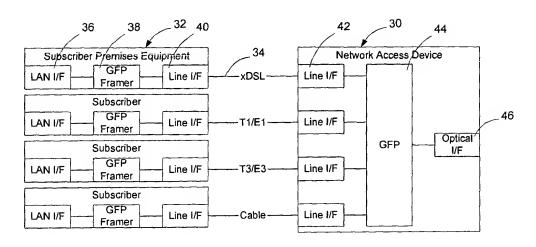
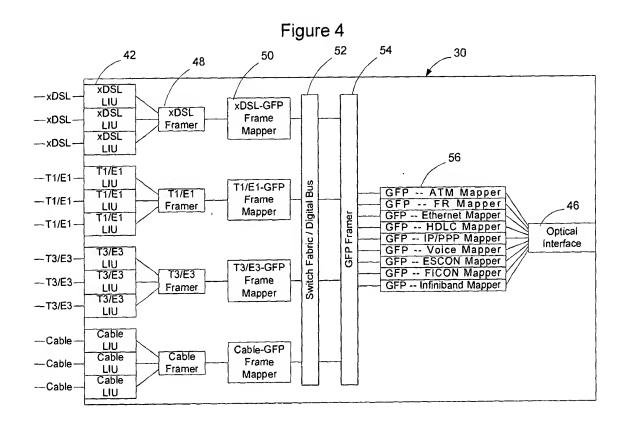


Figure 3





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TRANSPORTATION OVER METALLIC PHYSICAL MEDIUMS

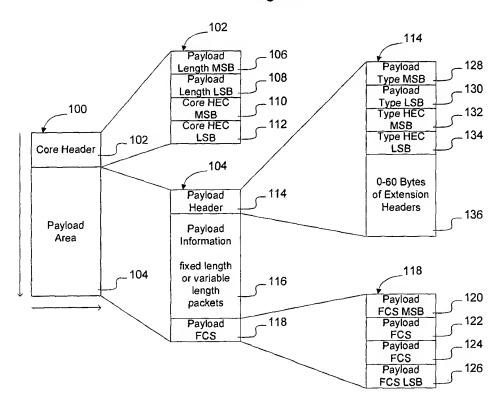
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Figure 5

Ethernet	iP/l	PPP (	Other Bearer Services
GFP — client specific aspects (payload dependent)			
GFP — common aspects (payload independent)			
Sonet	T1	xDSL	Cable

Figure 6



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Receive PDU at SPE

Receive PDU at SPE

Receive frames at CO over physical medium at LIU

152

Pass GFP frame to

Generate GFP Frame

encapsulating one or

more PDUs

Transmit GFP frame over physical medium

.156

Pass signals to GFP frame mapper to recreate GFP frame

Pass GFP frame

162

Pass GFP frames through switch fabric to GFP framer

164

GFP framer removes frame and passes PDUs to appropriate service mapper according to service type

Service mapper maps
PDUs to frames of optical
protocol in use on optical
link, e.g., SONET, and
passes to optical I/F

If GFP is in use on optical link and supported on other end of optical link, GFP can be passed straight through to optical I/F

